

MINNESOTA AG NEWS

WEEKLY CROP-WEATHER



USDA, NASS, MINNESOTA  
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Released: October 2, 2006  
Issue No: CW-39-06  
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Homepage: <http://www.nass.usda.gov/mn/>

USDA, NASS, MINNESOTA FIELD OFFICE, IN COOPERATION WITH THE NATIONAL WEATHER SERVICE - CHANHASSEN MN,  
UNIV. OF MINN. EXTENSION SERVICE, DNR STATE CLIMATOLOGY OFFICE, USDA-FSA, AND USDA-NRCS

SOYBEAN HARVEST FALLS BEHIND AVERAGE

Soybean and dry bean harvests made good progress in the North and West Central districts, according to USDA, NASS, Minnesota Field Office. Soybean harvest continues to lag behind the state five-year average. Moisture content for soybeans harvested was estimated at 14% compared to 12% for the average. Corn and soybeans continue to mature ahead of the five-year average pace.

The average temperature for the week was 52.6°, 1.0° below normal. Statewide topsoil moisture supplies as of Friday were rated 4% very short, 16% short, 75% adequate, and 5% surplus.

As of Sunday, October 1<sup>st</sup>, an estimated 88% of the corn acreage reached the mature stage, compared to 74% for the five-year average. The corn harvest was 4% complete, slightly below the average. Corn crop condition was rated 63% good or excellent.

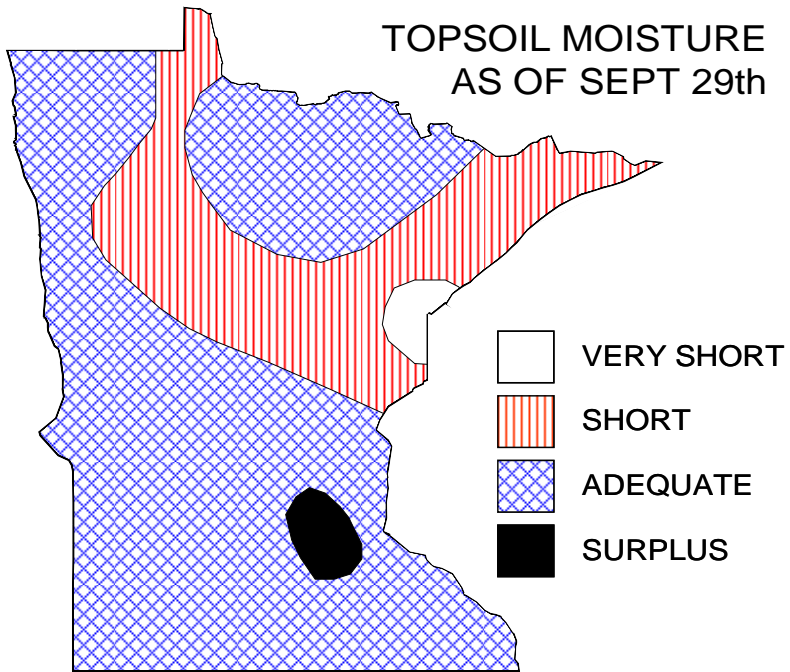
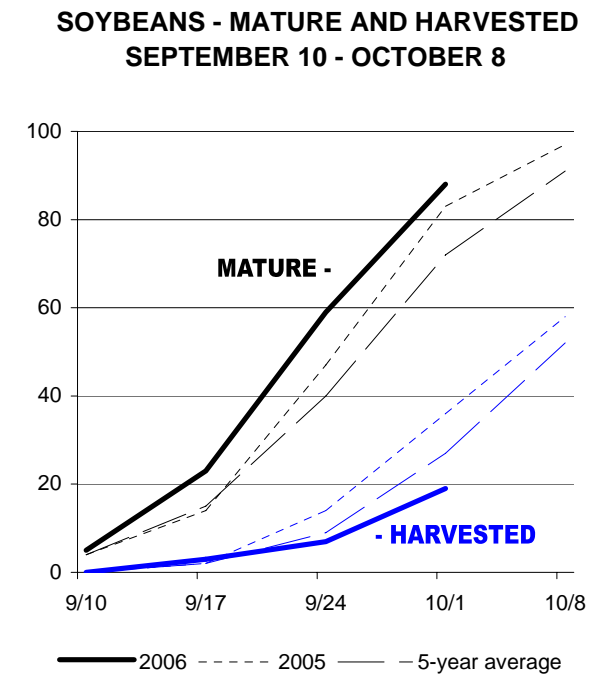
Soybeans dropping leaves were at 97%, compared to 92% for the five-year average. Soybeans mature were 88% compared to 73% for the average. Soybeans harvested were at 19% compared to 28% for the average. Soybean crop condition was rated 63% good or excellent.

Dry bean harvest was 84% complete, potato harvest was 80% complete, sugarbeet harvest was 18% complete, and the sunflower harvest was at 9% percent. Sugarbeet crop condition was rated 63% good or excellent, and sunflower condition was rated 65% good or excellent.

Days Suitable for Fieldwork: 4.2				
	Very Short	Short	Adequate	Surplus
Topsoil Moisture (%)	4	16	75	5

Crop Progress as of October 1, 2006					
Crop	Stage of Development	This Week	Last Week	Last Year	5 Yr Avg
----- Percent -----					
Corn	Mature	88	78	82	74
	Harvested	4	2	4	5
	Moisture	26	27	22	25
Field Corn	Cut for Silage	93	87	92	84
	Dropping Leaves	97	89	95	92
	Mature	88	59	83	73
Soybeans	Harvested	19	7	36	28
	Moisture	14	15	13	12
	Harvested	80	76	63	63
Potatoes	Harvested	18	12	11	19
Sugarbeets	Harvested	84	71	75	64
Dry Beans	Harvested	9	2	5	3
Sunflowers	Harvested				

Crop Condition as of September 29, 2006 in %					
	Very Poor	Poor	Fair	Good	Exc
Pasture	10	16	36	31	7
Corn	5	9	23	51	12
Soybeans	4	9	24	46	17
Sugarbeets	2	8	27	37	26
Sunflowers	3	7	25	52	13



PRECIPITATION AND TEMPERATURES FOR THE WEEK ENDING OCTOBER 1, 2006:  
Temperatures averaged from 3.1 degrees below normal in the Northeast District to 0.5 degree above normal in the Northwest District. Extremes: 27 degrees in Hibbing; 88 degrees in Redwood Falls. Precipitation averaged from 0.58 inch below normal in the Northeast District to 0.21 inch below normal in the East Central District. Greatest weekly total was 0.81 inch recorded in Aitkin.

For a map of Minnesota's precipitation, please see the Minnesota Climatology Group's website; <http://climate.umn.edu/doc/weekmap.asp>.

Precipitation and Temperature Summary for 9/25/2006 through 10/1/2006

	Temperature				Precipitation				G D D	
	High	Low	Week Ave	Depart from Norm	Week Total	Depart Past Week	From Four Weeks	Since 4/1	Since May 2	Depart from Norm
<u>NW DIST 1</u>										
Crookston	66	35	51.2	-.9	.22	-.26	.14	-3.81	2417	176
Moorhead	82	33	55.4	2.2	.02	-.47	-.29	-3.08	2614	261
Warroad	64	36	49.8	.3	.33	-.21	-1.08	-5.96	2154	216
<u>NC DIST 2</u>										
Grand Rapids	77	34	50.2	-.5	.27	-.42	.20	-5.56	2319	364
Intl. Falls	72	29	45.4	-3.4	.45	-.17	-1.57	-6.50	2003	186
Itasca	66	36	49.8	1.1	.23	-.42	1.31	-4.74	2175	351
<u>NE DIST 3</u>										
Duluth	65	35	47.7	-2.8	.15	-.66	-.94	-4.44	2044	306
Grand Marais	63	35	49.5	-1.6	.22	-.52	-1.91	-6.51	1646	274
Hibbing	72	27	44.3	-4.9	.13	-.57	-1.72	-10.64	1973	194
<u>WC DIST 4</u>										
Alexandria	81	36	53.8	.7	.27	-.29	-.06	-2.51	2510	251
Browns Valley	74	35	52.8	-2.0	.22	-.18	1.31	4.66	2485	-17
Canby	79	37	54.4	-2.5	.12	-.40	1.12	3.80	2632	-9
Fergus Falls	81	36	53.1	.0	.19	-.28	1.19	5.08	2486	196
Montevideo	87	38	55.6	.2	.11	-.36	-.04	2.23	2548	47
Morris	77	36	52.7	-1.5	.26	-.23	.07	-4.04	2462	39
<u>CENT DIST 5</u>										
Becker	77	38	53.3	.4	.17	-.44	.08	-3.16	2650	425
Collegeville	85	38	56.8	.3	.06	-.60	-.30	-.57	2762	206
Hutchinson	79	39	54.8	-.7	.36	-.08	1.11	-1.97	2675	157
Olivia	80	37	53.8	-.8	0	-.54	.72	-1.28	2537	90
St. Cloud	84	35	53.0	.1	.11	-.48	-.56	-.61	2503	278
Staples	72	32	49.6	-2.1	.03	-.57	.54	-3.51	2257	241
Willmar	78	33	52.2	-2.6	.12	-.44	.43	-5.23	2616	171
<u>EC DIST 6</u>										
Aitkin	70	34	52.4	1.4	.81	.19	-.37	-6.52	2315	415
Forest Lake	73	37	53.6	-1.3	.32	-.34	1.71	2.06	2654	256
MSP Airport	84	42	56.2	-.2	.10	-.42	-1.01	.33	2921	297
St. Paul - UofM	83	40	56.6	-1.4	.37	-.27	-.41	2.93	2872	160
<u>SW DIST 7</u>										
Lamberton	79	39	54.5	-1.2	.16	-.36	.26	4.70	2595	45
Pipestone	78	31	52.2	-2.4	.08	-.51	.13	-1.71	2492	41
Redwood Falls	88	40	56.6	-.6	.10	-.38	.66	.76	2683	-27
Worthington	76	37	54.6	.0	0	-.51	2.14	2.53	2576	187
<u>SC DIST 8</u>										
Faribault	75	38	53.2	-1.9	.38	-.23	-.04	-1.08	2585	148
Mankato	78	39	55.0	-.9	.30	-.31	-.78	-3.33	2633	87
Waseca	77	38	54.3	-1.4	.19	-.44	.02	1.83	2653	165
Winnebago	79	38	56.4	.3	.01	-.53	1.19	2.23	2708	161
<u>SE DIST 9</u>										
Preston	73	34	51.2	-4.2	.15	-.53	.19	.80	2434	84
Red Wing	74	41	53.2	-2.9	.13	-.55	.00	-3.60	2651	119
Rochester	83	37	54.6	-.0	.24	-.36	.05	.19	2573	256
Rosemount	75	39	53.9	-1.9	.18	-.50	-1.37	-2.88	2608	191
Winona	74	43	54.8	-3.6	.25	-.41	-.47	-5.04	2702	-114

m=some data missing

Corn growing degree days (GDD) are calculated by subtracting a 50 degree base temperature from the average of the maximum and minimum temperature for the day. The daily maximum is limited to 86 degrees and minimum of 50 degrees.

The MINNESOTA WEEKLY CROP-WEATHER REPORT (USPS-387190) is published weekly in April through November (crop season). Subscription rates are \$15.00 per year for non-reporters and free to survey respondents by the USDA-NASS Minnesota Field Office, P O Box 7068, St. Paul, MN 55107. Periodicals postage paid at St. Paul, Minnesota and other mailing offices. POSTMASTER: Send address changes to the MINNESOTA WEEKLY CROP-WEATHER REPORT, P O Box 7068, St. Paul, MN 55107.

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USDA, NASS, Minnesota Field Office  
PO Box 7068, ST. PAUL MN 55107  
WEEKLY NEWS REPORT  
Minnesota Crop-Weather Report  
Publication No. 387190  
Address Service Requested